Index of Claims

Application/Control No.

10/789,026

Examiner

Rabon Sergent

Applicant(s)/Patent under Reexamination

NOLTE ET AL.

Art Unit

1711

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Claim Date             |          |         |          |   |  | Cla      | Date     |           |         |           |       |  |          |          | CI              | Date     |          |                 |          |          |          |   |       |            |                 |          |          |          |                 |          |                 |                   |           |
|------------------------|----------|---------|----------|---|--|----------|----------|-----------|---------|-----------|-------|--|----------|----------|-----------------|----------|----------|-----------------|----------|----------|----------|---|-------|------------|-----------------|----------|----------|----------|-----------------|----------|-----------------|-------------------|-----------|
| Final                  | Original | 9/24/05 |          |   |  |          |          |           |         |           |       | Final  | Original | 9/24/05  |                 | ,        |          |                 |          |          |          |   | Final | Original   |                 |          |          |          |                 |          |                 |                   |           |
|                        | 1        | +       | Н        |   | ├  | ╀        | ┼-       | ╀         | +       | +         | -     |  | 51       | +        | Н               | _        |          |                 | +        | +        | +-       |   |       | 101        | Н               | _        |          |          | $\vdash$        | $\vdash$ | $\vdash \vdash$ | $\dashv$          | _         |
| <b>—</b>               | 2        | +       | Н        |   | ╁  | ╁╴       | +        | +         | +       | +         | 1     |  | 52       | +        | Н               | -        | _        |                 | +        | +        | +        |   |       | 102        | H               |          |          |          |                 | Н        | Н               | _                 | -         |
|                        | 3        | +       |          |   | ╁╌   | H        | ╁        | +         | $\top$  | +         | 1     |  | 53       | +        | Н               | _        |          | $\vdash$        | $\dashv$ | +        | +-       |   |       | 103        | $\vdash$        | $\vdash$ |          | -        | Н               | Н        | Н               | $\dashv$          | -         |
|                        | 4        | +       |          | _ |  | 1        | T        | T         | 十       | $\top$    | 7     |  | 54       | +        |                 |          |          | $\Box$          | T        | 1        | 1        |   |       | 104        |                 |          |          |          | П               | П        | П               | $\dashv$          | ᅥ         |
|                        | 5        | +       |          |   |  |          |          |           |         | I         | ]:::: |  | 55.      | +        |                 |          |          |                 |          |          |          |   | -     | 105        |                 |          |          |          |                 |          |                 |                   |           |
| $oxed{oxed}$           | 6        | +       |          |   |  |          | L        |           |         |           |       |  | 56       | +        |                 |          |          |                 |          | $\perp$  |          |   |       | 106        |                 |          |          |          |                 |          |                 | $\Box$            |           |
|                        | 7        | +       |          |   | ļ  |          | <u> </u> | 1         | 1       | ┸         | _     | <u></u>  | 57       | +        | Ш               |          |          |                 | $\perp$  | ᆚ        |          |   |       | 107        |                 |          |          |          | $\square$       |          | Ш               |                   |           |
|                        | 8        | +       |          |   | ↓  | <b> </b> | 1        | ╄         | 4       |           | 4     |  | 58       | +        | $\sqcup$        |          | _        | $\dashv$        | _        | $\perp$  | _        |   |       | 108        | Щ               |          |          |          |                 |          | Ш               | $\dashv$          | _         |
| <u> </u>               | 9<br>10  | +       |          |   | ⊢  | ⊢        | ╁        | ╀         | +       | +         | -     |  | 59       | +        | $\vdash \vdash$ |          |          | $\vdash$        | 4        | +        | +-       |   |       | 109        |                 |          |          |          | Н               |          | $\vdash$        | $\dashv$          | ᅴ         |
|                        | 11       | +       | $\vdash$ |   | ┢  | ┢        | ╁        | ╁         | ╁       | +-        | -     | _  | 60<br>61 | +        | Н               | $\dashv$ |          | $\vdash$        | +        | +        |          |   |       | 110<br>111 |                 |          |          |          | $\vdash$        | $\vdash$ | $\dashv$        | -                 | $\dashv$  |
|                        | 12       | +       | $\vdash$ | - | ╁  | $\vdash$ | +        | ╁         | ╁       | +         | -     |  | 62       | +        | $\vdash$        | $\dashv$ |          | $\vdash \vdash$ | -        | +        | +        | ł |       | 112        | Н               | $\vdash$ | $\vdash$ |          | $\vdash$        | $\vdash$ | $\vdash$        | $\dashv$          | $\dashv$  |
|                        | 13       | +       | $\vdash$ |   | 1  | †-       | T        | t         | +       | +         | 1     |  | 63       | +        | $\vdash \dashv$ | -        |          | $\vdash$        | $\dashv$ | +        | +        |   |       | 113        | $\vdash$        | H        | $\dashv$ |          | $\dashv$        | $\vdash$ | $\vdash$        | $\dashv$          | $\dashv$  |
|                        | 14       | +       | $\Box$   |   | T  | T        | T        | T         | $\top$  | +         | 1     |  | 64       | +        | H               | _        |          | $\vdash$        | $\dashv$ | $\dashv$ | $\top$   |   |       | 114        | $\vdash$        |          |          | $\dashv$ | $\dashv$        | $\sqcap$ | $\sqcap$        | $\dashv$          | $\dashv$  |
|                        | 15       | +       |          |   | Π  |          |          |           |         |           | 7     |  | 65       | +        |                 |          |          |                 |          |          |          |   |       | 115        | П               |          |          |          | П               | П        | П               | $\neg$            | $\neg$    |
|                        | 16       | +       |          |   |  |          |          |           |         |           | ]:::: |  | 66       | +        |                 |          |          |                 |          |          |          |   |       | 116        |                 |          |          |          |                 |          | $\square$       |                   |           |
|                        | 17       | +       |          |   |  |          | <u> </u> | $\perp$   | Ц.      |           |       |  | 67       | +        |                 |          |          |                 |          |          |          |   |       | 117        |                 |          |          |          |                 |          | $\Box$          | $\Box$            | $\Box$    |
|                        | 18       | +       | _        |   |  | <u> </u> | ļ        | ╄         | _       | ╄         | _     |  | 68       | _        |                 |          |          | Ш               | _        |          |          |   |       | 118        |                 |          |          |          | Ш               |          | Ш               | _                 | _         |
|                        | 19       | +       |          |   | <u> </u>   | ┡        | ╄        | 4         | $\bot$  | $\bot$    | 4     |  | 69       |          |                 |          |          | Ш               | 4        | 4        | 4_       |   |       | 119        |                 |          |          |          |                 | أسا      | Н               | $\dashv$          | _         |
|                        | 20       | +       |          | _ | _  | -        | ╀        | +         | ╁       | +         | -     |  | 70       | _        | $\vdash$        |          | -        |                 | +        | +        | -        |   |       | 120        | Щ               |          |          | _        |                 | Н        | $\dashv$        |                   | _         |
|                        | 21<br>22 | +       | $\dashv$ |   | ┢  | ⊢        | ╁        | +         | +-      | +-        | -     | _  | 71<br>72 | ⊢        | $\dashv$        |          |          | $\dashv$        | $\dashv$ | +        | +        |   |       | 121<br>122 |                 | _        | $\dashv$ | -        | -               | $\vdash$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 23       | +       |          |   | ┢  | ╁        | ╁        | ╁         | +       | +         | -     | -  | 73       | -        | $\dashv$        | -        | -        | -               | +        | +        | +        |   |       | 123        | Н               | -        | -        |          | $\dashv$        | $\vdash$ | $\dashv$        | -+                | $\dashv$  |
|                        | 24       | +       |          |   | ╁  | ╁        | $\vdash$ | ╁         | ╅       | +         | 1     |  | 74       | $\vdash$ | H               |          |          | $\vdash$        | +        | +        | +-       |   |       | 124        | $\vdash$        |          | H        |          | $\dashv$        |          | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 25       | +       |          |   |  | 一        | ✝        | $\dagger$ | $\top$  | $\dagger$ | 1     |  | 75       |          | $\vdash$        | -        |          |                 | $\dashv$ | +        | +        |   |       | 125        | Н               |          |          |          | $\dashv$        |          | $\dashv$        | $\dashv$          | ᅱ         |
|                        | 26       | +       |          |   | 1  | Г        |          | T         | $\top$  | 1         | 7:::: |  | 76       |          | $\Box$          |          |          | $\Box$          | 十        | $\top$   | $\top$   |   |       | 126        |                 |          |          |          | $\dashv$        | $\Box$   | $\sqcap$        | $\neg$            | 一         |
|                        | 27       | +       |          |   |  |          |          | I         |         |           |       |  | 77       |          |                 |          |          |                 |          |          |          |   |       | 127        |                 |          |          |          |                 |          |                 | I                 |           |
| Ĺ                      | 28       | +       |          |   | L_   | _        | _        | ┸         |         | ļ         | J     |  | 78       |          |                 |          |          |                 | $\perp$  |          |          |   |       | 128        |                 |          |          |          |                 |          | $\square$       | $\Box$            | $\square$ |
| <u> </u>               | 29       | +       |          |   | <u> </u>   | <u> </u> | ╄        | 4         | 4       | $\bot$    | 4     |  | 79       |          | _               |          | _        |                 | _        | _        | <u> </u> |   |       | 129        | Ш               |          |          |          | Щ               | Ш        | $\square$       | _                 | _         |
|                        | 30       | +       | _        |   | <u> </u>   | <u> </u> | ╀-       | 4         | +       | $\bot$    | 4     |  | 80       | L        | $\dashv$        |          |          | $\dashv$        | $\perp$  | $\bot$   |          |   |       | 130        |                 |          | _        | _        | _               | Щ        | $\dashv$        | 4                 | _         |
| $\vdash$               | 31<br>32 | +       |          |   | ⊢  | ├-       | ├        | ╁         | +       | +         | -     |  | 81<br>82 | $\vdash$ |                 |          | _        | $\dashv$        | $\dashv$ | +        | -}       |   |       | 131        |                 |          |          | _        |                 | $\vdash$ |                 | -                 | $\dashv$  |
|                        | 33       | +       |          | _ | ⊢  | ┢        | ╁╌       | +         | +       | +         | -     | <b></b>  | 83       | $\vdash$ |                 | $\dashv$ | $\dashv$ | $\vdash$        | +        | ╌        | ╅        |   |       | 132<br>133 | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\vdash$ | $\vdash$        | $\dashv$          | -         |
|                        | 34       | +       | $\dashv$ | _ | $\vdash$   | $\vdash$ | H        | t         | +       | +-        | 1     | <del>                                     </del> | 84       | $\vdash$ | $\forall$       | $\dashv$ |          | $\vdash$        | $\dashv$ | - -      | +-       |   |       | 134        | Н               |          |          | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 35       | +       |          | _ | T  | Г        | T        | †         | +       | $\top$    | 1     | <b> </b>   | 85       | $\Box$   | $\Box$          |          | _        | $\Box$          | _        | 十        | +        |   |       | 135        |                 |          |          | _        |                 | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 36       | +       |          |   |  |          | Γ        | Ι         |         | I         | ]     |  | 86       |          |                 |          |          | $\Box$          |          | $\top$   |          |   |       | 136        |                 |          | $\Box$   |          | $\neg \uparrow$ | 一        | 一               | 寸                 | $\neg$    |
|                        | 37       | +       |          |   |  |          |          | L         |         |           | ]     |  | 87       |          |                 |          |          |                 |          | $\perp$  |          |   |       | 137        |                 |          |          |          |                 |          |                 | $\Box$            |           |
| $\Box$                 | 38_      | +       | $\Box$   |   |  |          |          | $\perp$   |         | Ţ         | J     |  | 88       |          |                 |          |          |                 | $\bot$   | $\perp$  |          |   |       | 138        |                 |          |          |          | $\Box$          |          | $\Box$          | $\Box$            |           |
| <u> </u>               | 39       | +       | _        |   | _  | _        | L        | 1         |         | Ψ,        | 4     | L  | 89       | Щ        |                 |          |          | Ц               | _        |          |          |   |       | 139        | $\sqcup$        | Ц        |          |          |                 | [        | $\Box$          | _[                | _         |
| <u> </u>               | 40       | +       | -        |   | -  | <u> </u> | -        | ╁         | _       | +         | 4     |  | 90       |          |                 |          | _        |                 | $\perp$  | 4        | -        |   |       | 140        | Щ               | $\Box$   |          |          |                 |          | $\dashv$        | _                 |           |
| $\vdash \vdash \vdash$ | 41       | +       | -        |   | <u> </u>   | <u> </u> | ⊢        | +         | +       | +         | -     | <u> </u>   | 91<br>92 | <u> </u> | $\dashv$        | _        | $\dashv$ |                 | +        | +        | +        |   |       | 141        |                 | $\dashv$ |          |          |                 |          | $\dashv$        | $\dashv$          |           |
| -                      | 42       | +       | $\dashv$ |   |  | ⊢        | ⊢        | +         | +       | +         | -     | <del>                                     </del> | 93       | $\vdash$ | $\dashv$        | -        | $\dashv$ | $\dashv$        | +        | +        | +        |   |       | 142<br>143 | $\vdash \vdash$ | $\dashv$ |          |          | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 44       | +       | $\dashv$ |   | $\vdash$   | $\vdash$ | H        | ╁         | +       | +-        | ┨     |  | 94       | Н        | $\dashv$        |          |          | -               | +        | +        | +        |   |       | 144        | $\vdash$        | $\dashv$ |          |          | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 45       | +       | $\dashv$ |   | <del>                                     </del> | $\vdash$ | 1        | ╁         | +-      | T         | 1     |  | 95       | $\vdash$ | $\dashv$        | -        | $\dashv$ | $\dashv$        | $\dashv$ | +        | +        |   |       | 145        |                 | $\dashv$ |          | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 46       | +       | •        |   | Т  |          | T        | T         | ╈       | T         | 1     |  | 96       | $\vdash$ | 7               |          | $\dashv$ | $\dashv$        | $\dashv$ | +        | +        |   | _     | 146        |                 | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$          | $\dashv$  |
|                        | 47       | +       |          |   |  |          |          | Τ         | 丁       | 1         | 1     |  | 97       | П        |                 |          |          |                 | 十        | +        | 1-       |   |       | 147        |                 | $\neg$   | $\dashv$ | 一        | $\dashv$        | $\dashv$ | $\dashv$        | $\top$            | $\dashv$  |
|                        | 48       | +       |          |   |  |          |          | I         |         |           | ]     |  | 98       |          |                 |          |          |                 |          | T        | Т        |   |       | 148        | $\Box$          |          |          | 一        | $\neg$          | $\dashv$ |                 | 寸                 | $\exists$ |
|                        | 49       | +       |          |   |  |          |          |           | $\perp$ |           | ]     |  | 99       |          |                 |          |          |                 | I        | I        |          |   |       | 149        |                 |          |          |          |                 |          |                 | I                 |           |
| لــــا                 | 50       | +       | [        | _ |  |          |          | L         |         |           |       |  | 100      |          |                 |          |          |                 | $\perp$  |          |          |   |       | 150        |                 |          |          | $\Box$   | $\Box$          | $\Box$   | $\Box$          | $oldsymbol{\bot}$ |           |